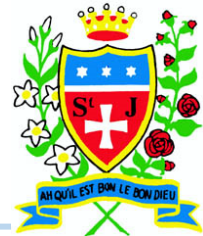


KIRF- I can recall doubles and halves up to 50



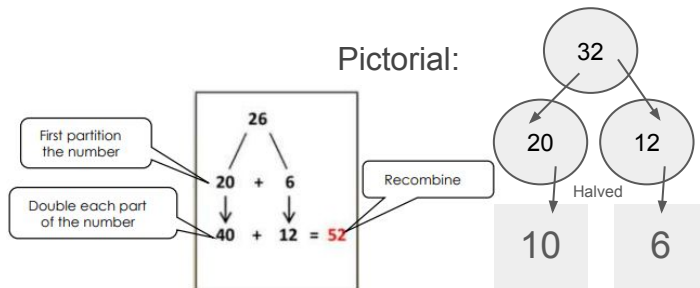
Year 4 - Summer 1

What can this look like?

Concrete:



Pictorial:



Abstract:

What is $\frac{1}{2}$ of 38?

$$\frac{1}{2} \text{ of } 8 = 4$$

$$\frac{1}{2} \text{ of } 30 = 15$$

So $\frac{1}{2}$ of 38 must be 19!

Children find it harder to half a number with an odd number of tens e.g 32 Sometimes, partitioning it differently can help.

Questions to ask at home

- What is double 37? Explain how you know
- How do you double/halve a number?
- Show me 35 is half of 70 ? Prove it!
- If I had half that amount? How much would I have?
- Share 38 sweets between two of us.

Key vocabulary

Multiply/ product/ times by /lots of/ share/ group /divide
double/ near double/ twice /2 lots of 2/ times/ half
halved /divided by 2/ shared between 2 group/ in pairs

Things to try

- **Play number ping pong!** Start of saying 'ping', child replies with 'pong'. Repeat and then convert to numbers i.e. say 39 and they reply '78'. Or say, '78' and they say '39'
- **Rapid fire-** Create regular opportunities for rapid fire questions where an instant correct answer is required
- When children are confident with doubles ask them to find the corresponding halves Practise halving at least as often as doubling. This will help children with subtraction at a later date
- **Out shopping-** what if I bought two of them? What if it was half price?
- Get a pile of objects and split them in half.

Websites



White Rose 1 minute maths App- halves game

<https://www.topmarks.co.uk/maths-games/hit-the-button> - doubles and halves.